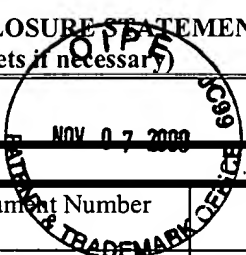
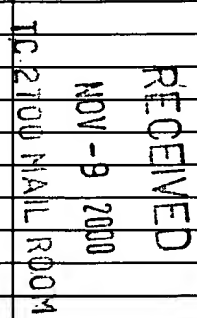


[illegible]

Form PTO-1449 (Rev. 2-32)		U.S. Department of Commerce Patent & Trademark Office		Atty. Docket No. <div style="text-align: center;">Q57599</div>		Serial No. <div style="text-align: center;">09/503,506</div>	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicant: Sang-seo LEE			
				Filing Date: February 14, 2000		Group: 2756	

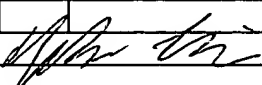


Examiner Initial	Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
	4,975,952	12/4/90	Mabey et al.	380	49	



FOREIGN PATENT DOCUMENTS							
Document	Date	Country	Class	Sub-class	Translation Yes/No		
DBB 99/29128	6/10/99	WO	H04Q	7/22			
DBB 00/28750	5/18/00	WO	H04Q	7/22			
DBB 0 777 394 A1	6/4/97	Europe	H04Q	7/22			
DBB 0 840 531 A2	5/6/98	Europe	H04Q	7/22			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	

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[illegible]

Substitute for form 1449 A & B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/503,506
				Confirmation Number	NOT YET ASSIGNED
				Filing Date	February 14, 2000
				First Named Inventor	Sang-seo LEE
				Art Unit	2756
				Examiner Name	NOT YET ASSIGNED
				Attorney Docket Number	Q57599
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
DBB		JP	10-200571		7/31/1998	MATSUSHITA ELECTRIC IND CO., LTD.	
DBB		JP	8-79815		3/22/1996	CASIO COMPUT CO., LTD.	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature	<i>[Signature]</i>	Date Considered	4/21/2003
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.